

SAF-RC-032
100-F Remaining Sites Burial Grounds -
Soil Full Protocol
FINAL DATA PACKAGE

COMPLETE COPY OF DATA PACKAGE TO:

| | | |
|-----------------|-------|-----------------------------------|
| Randy Coffman | X9-07 | <u>KW 9/24/07</u> INITIAL/DATE |
| Jeanette Duncan | H4-21 | <u>KW 9/24/07</u> INITIAL/DATE |

COMMENTS:

SDG 07-A-5130 SAF-RC-032

Rad only ☒ Chem only Rad & Chem
☒ Complete Partial

Waste Site: 128-F-2 BCL Verification

RECEIVED
SEP 27 2007
EDMC



9/21/07
Page 1 of 2

SUBMITTED TO:


Joan Kessner
Washington Closure Hanford
2620 Fermi Avenue, MSIN H4-21
Richland, WA 99354



REFERENCE DATA:

| | |
|----------------------|--------------------------|
| Client Sample No.: | J15HY6 |
| P.O. No.: | Not Available |
| Sample Location: | 128-F-2 BCL Verification |
| Sample Type: | Bulk |
| Method Reference: | DCL Procedure: ENV-004 |
| DCL Set ID No.: | 07-A-5130 |
| DCL Sample ID No.: | 07-29705 |
| Sample Receipt Date: | 9/12/07 |
| Analysis Date: | 9/21/07 |

We certify that the following samples were prepared and analyzed by Polarized Light Microscopy for asbestos and other fibrous constituents using DataChem Laboratories' procedure, ENV-004. The samples were acceptable upon receipt except where noted. Mountings of fibers observed and representative portions of the material were prepared in one or more appropriate refractive index liquids (1.550, 1.605, 1.680) and examined by Polarized Light Microscopy*. Estimates of concentration are made on an area basis. The results of the analysis apply only to the portions of materials analyzed and are summarized on the attached Bulk Asbestos Analysis Data Sheets. DataChem Laboratories will dispose of all bulk samples after 60 days unless other arrangements are made.


Shawn Smythe
Analyst


for Anna Marie Ristich
Reviewer

*Some samples may contain fibers that are not visible by PLM and can only be discovered by electron microscopy techniques.

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4388 GLENDALE-MILFORD ROAD
CINCINNATI, OHIO 45242-3706
513 733-5336, FAX 513 733-5347

WEST COAST OFFICE
11 SANTA YORMA COURT
NOVATO, CALIFORNIA 94945
800 280-8071, FAX 415 893-9469

9/21/07

**DataChem Laboratories
Polarized Light Microscopy
Asbestos Analytical Summary**

Client: Washington Closure Hanford
Location: 128-F-2 BCL Verification
Set ID: 07-A-5130

| | |
|--------------------------------|-----------|
| Client Sample ID: | J15HY6 |
| DCL Sample ID: | 07-29705 |
| Macroscopic Examination | |
| Accepted/Rejected: | Accepted |
| Homogeneity: | Homog. |
| Color: | Brown |
| Texture: | Granular |
| Description: | Soil |
| Analysis: | PLM |
| Asbestiform Minerals | |
| % Chrysotile: | Trace |
| % Amosite: | |
| % Crocidolite: | |
| % Tremolite - Actinolite: | |
| % Anthophyllite: | |
| % Total Asbestos: | Trace |
| Other Materials | |
| % Cellulose: | |
| % Fiberglass: | |
| % Other Fibers: | |
| | |
| % Resin/Binder: | |
| % Non Fibrous: | >90 ≤ 100 |

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P. O. #: Not Available.


Shawn Smythe
Microscopist

All values are in area percent by visual estimate.

| Washington Closure Hanford | | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST | | | | RC-032-163 | | Page 1 of 1 | |
|--|----------|---|-------------|---|--|---|--|------------------|--|
| Collector J. DeBuigne/R. Coffman | | Company Contact R.T. Coffman | | Telephone No. 528-6409 | | Project Coordinator KESSNER, JH | | Price Code 68 | |
| Project Designation 100-F Remaining Sites Burial Grounds - Soil Full Protocol | | Sampling Location 128-F-2 BCL Verification | | SAF No. RC-032 | | Data Turnaround 7 Day | | | |
| Ice Chest No. APS-04-024 | | Field Logbook No. EFL-1174-3 | | COA R128F22000 | | Method of Shipment FED EX | | | |
| Shipped To DataChem Laboratories - Cincinnati | | Offsite Property No. A070418 | | | | Bill of Lading/Air Bill No. SEE OSPC | | | |
| POSSIBLE SAMPLE HAZARDS/REMARKS NA | | Preservation | | Note | | | | | |
| Special Handling and/or Storage NA | | Type of Container | | 2 300 9/10/07 | | | | | |
| | | No. of Container(s) | | 1 | | | | | |
| | | Volume | | 250mL | | | | | |
| SAMPLE ANALYSIS 07-A-5130 | | Asbestos-BULK-EPA | | | | | | | |
| Sample No. | Matrix * | Sample Date | Sample Time | | | | | | |
| J15HY6 | SOIL | 9-10-07 | 1400 | X | | 07-29205 | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| CHAIN OF POSSESSION | | | | Sign/Print Names | | SPECIAL INSTRUCTIONS | | | |
| Relinquished By/Removed From J. DeBuigne RDC | | Date/Time 1520 9-10-07 | | Received By/Stored In 3728/20 | | Date/Time 1520 9-10-07 | | | |
| Relinquished By/Removed From 3728/20 | | Date/Time 9-11-07 1000 | | Received By/Stored In J.R. Schumaker | | Date/Time 9-11-07 1000 | | | |
| Relinquished By/Removed From J.R. Schumaker | | Date/Time 9-11-07 1500 | | Received By/Stored In Fed Ex | | Date/Time | | | |
| Relinquished By/Removed From | | Date/Time | | Received By/Stored In | | Date/Time | | | |
| Relinquished By/Removed From | | Date/Time | | Received By/Stored In | | Date/Time | | | |
| Relinquished By/Removed From | | Date/Time | | Received By/Stored In | | Date/Time | | | |
| LABORATORY SECTION | | Received By [Signature] | | Date/Time 9/12/07 | | Title 1357 | | Date/Time | |
| FINAL SAMPLE DISPOSITION | | Disposal Method [Signature] | | Disposed By | | Date/Time | | | |